3770K

Solvent ink for non-porous media

TECHNICAL DATA SHEET

3770K black solvent thermal inkjet ink is formulated for coding and marking, and other high-productivity industrial packaging printing applications.
3770K ink provides excellent adhesion and rub resistance, long decap time, excellent optical density, sharpness and barcode readability on various semi-porous and non-porous substrates such as PET, PVC, PA, BOPP, and foils.
Non-stitching 1 inch print swatch expands the printing applications without disadvantages of printhead stitching.

Technical Specifications

	3770K Print Cartridge
Ink type	Black solvent dye ink
Print cartridge type	One inch TIJ cartridge
Resolution	Up to 300 dpi
Nozzle count	300
Print swath	25.4 mm
Firing voltage	9 V
Fire pulse width	2.0 μs
Pulse warming	OFF
Decap time	Up to 30 min
Drying time	1 - 3 s at 300 × 300 dpi
Throw distance	Up to 5 mm
Average delivered ink	37 mL (vertical)
Average drop volume	40 pL
Operating conditions	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	15 °C to 30 °C
Best before	6 months from filling date

Cartridge Shipping & Storage

- The cartridge should be stored in vacuum sealed pouch until used.
- Use the cartridge within two weeks of removing it from vacuum sealed pouch for best performance.
- Store the cartridge with a clip placed over the printhead. Nozzles up or horizontal.
- Refer to Safety Data Sheet for more information.

Cartridge Maintenance & Handling

- Use a lint-free cloth moistened with ethanol (> 98%) to clean the cartridge printhead. Use of a cloth with lint may clog the nozzles.
- Holding the cartridge printhead face down, gently press the printhead on a lint-free cloth to allow ink to wick out. Then, slowly and lightly wipe across the tip of the long edge.
- Do not shake the cartridge.

Ordering Information

Product number	**Product description**
3770K85A	3770K Print Cartridge

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